

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



Rec'd PCT/PTO 03 MAR 2005



(43) International Publication Date  
2 September 2004 (02.09.2004)

PCT

(10) International Publication Number  
**WO 2004/075320 A2**

(51) International Patent Classification<sup>7</sup>: **H01M 4/70**

Kenji [JP/JP]; Honda R & D Co., Ltd., 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(21) International Application Number:

PCT/JP2004/001217

(74) Agents: SHIMODA, Yo-ichiro et al.; Meisan Tameike Bldg., 1-12, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (US).

(22) International Filing Date: 5 February 2004 (05.02.2004)

(25) Filing Language: English

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:

2003-043318	20 February 2003 (20.02.2003)	JP
2003-047328	25 February 2003 (25.02.2003)	JP
2003-047448	25 February 2003 (25.02.2003)	JP

(71) Applicant (*for all designated States except US*): **HONDA MOTOR CO., LTD.** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku., Tokyo 107-8556 (JP).

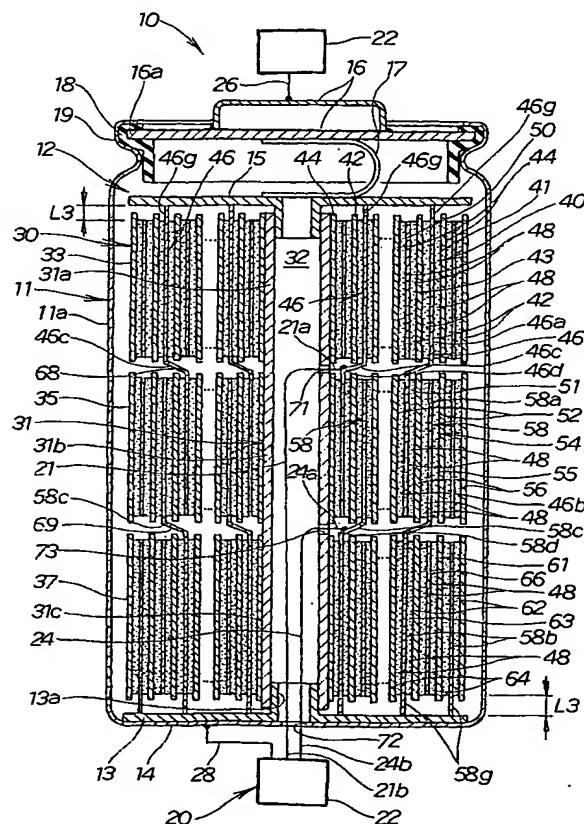
(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **MATSUMOTO,**

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: **ACCUMULATOR CELL ASSEMBLY**



(57) Abstract: An accumulator cell assembly made up of a plurality of accumulator cells (33, 35, 37) connected in series. Each accumulator cell includes polarizing electrodes (48) and a collector foil (46, 58) having a width of at least twice the width of the polarizing electrodes. The collector foil continues through adjacent accumulator cells and connects the adjacent accumulator cells in series.